

# SONY®

SPECIAL EFFECTS GENERATOR

MODEL **SEG-1**



The Sony Special Effects Generator SEG-1 provides such dramatic effects as switching, fading, superimposing, or wiping two video signals. The SEG-1 can accept inputs of up to four video cameras and can monitor the output of each camera. One channel may be inverted, if desired, to yield a negative picture. In addition, an internal sync generator supplies 2:1 interlace sync, or sync may be supplied from an external source.

The SEG-1 can be used with any Sony video camera or any other video camera with external sync input, any monitor, and any video tape recorder.

#### APPLICATIONS

The SEG-1 will serve any application that calls for smooth continuity and dramatic effects in video tape production. Some typical examples are:

- Industrial TV Systems
- Sports and
- Educational TV Systems
- Entertainment
- Surveillance Systems
- Sales Presentations
- Medical and Hospital
- Military and
- Training
- Governmental

#### FEATURES

##### SWITCHING



##### SUPERIMPOSING



##### MONITORING



##### HORIZONTAL WIPES



##### CORNER INSERTS



##### FADING



##### VERTICAL WIPES



##### NEGATIVE VIDEO



## SPECIFICATIONS MODEL SEG-1

**Camera video inputs:** 1—1.4V p-p; sync negative;  
75 ohm impedance input 1  
must be supplied with composite video

**Number of camera inputs:** 4; Hirschmann 6-pin receptacle

**Monitor video outputs:** 1—1.4V p-p (dependent upon input);  
sync negative; 75 ohm impedance

**Number of monitor outputs:** 4; SO-239 UHF receptacle

**Number of line outputs:** 2; 1 Hirschmann 6-pin receptacle,  
1 SO-239 UHF receptacle

**Internal sync:** 2; 1 interlace when SYNC SELECT switch  
is set to INT.

**External sync:** Accepts vertical and horizontal sync  
from CV-Series Videocorders, or vertical  
sync (-4V p-p) from an external 2:1 EIA  
sync generator (see pin connections below)

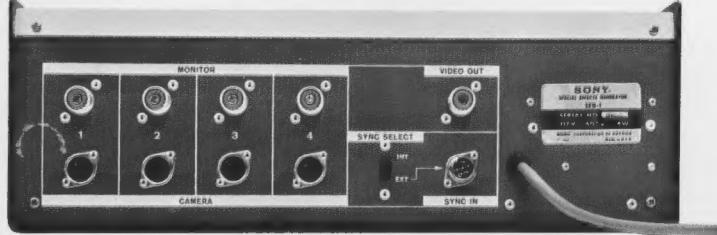
**Power requirements:** 117V, 60 Hz, 3-wire parallel ground plug

**Power consumption:** 7 watts

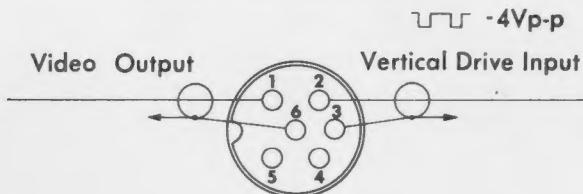
**Dimensions:** 5 $\frac{1}{4}$ " (H) x 15 $\frac{1}{2}$ " (W) x 10" (D)

**Weight:** 8 $\frac{1}{2}$  pounds

### REAR PANEL



### PIN CONNECTIONS



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Design and specifications subject to change without notice.

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